This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method of treating a disease state characterized by alterations to the mucin levels in a patient, the method comprising enterally administering to the patient a nutritional composition which has a protein source including amino acids wherein threonine comprises at least 5.5% by weight of the protein source.

Claim 2 (previously presented): The method of claim 1 wherein threonine comprises at least 6% by weight of the protein source.

Claim 3 (original): The method of claim 1 wherein the protein source comprises sweet whey protein.

Claim 4 (original): The method of claim 3 wherein the sweet whey protein is hydrolyzed.

Claim 5 (original): The method of claim 1 wherein the nutritional composition further comprises a lipid source and a carbohydrate source.

Claim 6 (original): The method of claim 5 wherein the lipid source comprises a mixture of medium chain triglycerides and long chain triglycerides.

Claim 7 (original): The method of claim 6 wherein the lipid source comprises about 30% to about 80% by weight of medium chain triglycerides.

Claim 8 (previously presented): A method for maintaining the synthesis of mucins in a patient, the method comprising enterally administering to the patient a nutritional composition which has a protein source including amino acids wherein threonine comprises at least 5.5% by weight of the protein source.

Claim 9 (original): The method of claim 8 wherein the protein source comprises sweet whey protein.

Claim 10 (original): The method of claim 9 wherein the sweet whey protein is hydrolyzed.

Claim 11 (original): The method of claim 8 wherein the nutritional composition further comprises a lipid source and a carbohydrate source.

Claim 12 (original): The method of claim 11 wherein the lipid source comprises a mixture of medium chain triglycerides and long chain triglycerides.

Claim 13 (original): The method of claim 12 wherein the lipid source comprises about 30% to about 80% by weight of medium chain triglycerides.

Claim 14 (original): A method for maintaining the synthesis of mucins in a patient, the method comprising enterally administering to the patient a nutritional composition which includes a protein source containing a therapeutically effective amount of threonine, a carbohydrate source and a lipid source including a mixture of medium chain triglycerides and long chain triglycerides.

Claim 15 (previously presented): The method of claim 14 wherein the amount of threonine comprises at least 5.5% by weight of the protein source.

Claim 16 (original): The method of claim 14 wherein the protein source comprises sweet whey protein.

Claim 17 (original): The method of claim 14 wherein the sweet whey protein is hydrolyzed.

Claim 18 (original): The method of claim 14 wherein the lipid source comprises about 30% to about 80% by weight of medium chain triglycerides.

Claim 19 (canceled)

Claim 20 (previously presented): A method of treating a disease state characterized by alterations to the mucin levels in a patient, the method comprising enterally administering to the patient a nutritional composition that has a protein source including amino acids wherein threonine comprises at least 7.4% by weight of the protein source.

Claim 21 (previously presented): The method of claim 20 wherein threonine comprises at least 14% by weight of the protein source.

Claim 22 (original): The method of claim 20 wherein the protein source comprises a sweet whey protein.

Claim 23 (original): The method of claim 20 wherein the protein source comprises a caseino-glyco-macropeptide.

Claim 24 (previously presented): A method for maintaining the synthesis of mucins in a patient, the method comprising enterally administering to the patient a nutritional composition which has a protein source including amino acids wherein threonine comprises at least 7.4% by weight of the protein source.

Claim 25 (previously presented): The method of claim 24 wherein threonine comprises at least 14% by weight of the protein source.

Claim 26 (original): The method of claim 24 wherein the protein source comprises a sweet whey protein.

Claim 27 (original): The method of claim 24 wherein the protein source comprises caseino-glyco-macropeptide.

Claim 28 (previously presented): A method for increasing the synthesis of mucins in a patient, the method comprising supplementing a diet of the patient by adding a therapeutically effective amount of threonine to the diet.

Claim 29-31 (canceled)

Claim 32 (currently amended): A method for increasing the synthesis of mucins in a patient, the method comprising administering to the patient a nutritional composition which has a protein source containing ~~theronine~~ threonine at least 30% of a daily recommended amount of threonine.

Claim 33 (original): The method of claim 32 wherein the amount of threonine comprises at least 60% of the daily recommended amount of threonine.

Claim 34 (original): The method of claim 32 wherein the amount of threonine comprises at least 100% of the daily recommended amount of threonine.

Claim 35 (original): A method of treating intestinal inflammation in a patient, the method comprising administering to the patient a therapeutically effective amount of threonine.

Claim 36 (original): The method of claim 35 wherein the threonine is provided as a nutritional supplement.

Claim 37 (canceled)

Claim 38 (previously presented): The method of claim 36 wherein the nutritional supplement contains a protein source including amino acids and wherein the threonine is at least 5.5% by weight of the protein source.

Claim 39 (original): The method of claim 36 wherein the nutritional supplement contains a sweet whey protein.

Claim 40 (original): A method of treating intestinal bacterial infection in a patient, the method comprising administering a nutritional composition to the patient wherein the nutritional composition contains a therapeutically effective amount of threonine.

Claim 41 (original): The method of claim 40 wherein the threonine is provided as a nutritional supplement.

Claim 42 (canceled)

Claim 43 (previously presented): The method of claim 41 wherein the nutritional supplement contains a protein source including amino acids and wherein the threonine is at least 5.5% by weight of the protein source.

Claim 44 (original): The method of claim 41 wherein the nutritional supplement contains a sweet whey protein.

Claim 45 (withdrawn): A method of reducing oxidative stress due to acute intestinal inflammation, the method comprising administering a therapeutically effective amount of threonine.

Claim 46 (withdrawn): The method of claim 45 wherein the threonine is part of a nutritional composition.

Claim 47 (withdrawn): The method of claim 46 wherein the nutritional composition contains threonine in an amount of at least 0.2mM.

Claim 48 (withdrawn): The method of claim 46 wherein the nutritional composition contains a protein source including amino acids and wherein the threonine is at least 5.5% by weight of amino acids.

Claim 49 (withdrawn): The method of claim 48 wherein the nutritional composition contains a sweet whey protein.

Claim 50 (previously presented): A method for maintaining the synthesis of mucins in a patient, the method comprising enterally administering to the patient a nutritional composition which includes a protein source containing a therapeutically effective amount of threonine, a carbohydrate source and a lipid source including a mixture of medium chain triglycerides and long chain triglycerides wherein the protein source provides about 10% to about 20% of the energy of the nutritional composition.

Claim 51 (previously presented): A method for increasing the synthesis of mucins in a patient, the method comprising supplementing a diet of the patient by adding a therapeutically effective amount of threonine to the diet wherein the amount of threonine is at least 0.2 mM.

Claim 52 (previously presented): A method for increasing the synthesis of mucins in a patient, the method comprising supplementing a diet of the patient by adding a therapeutically effective amount of threonine to the diet wherein the amount of threonine is at least 0.8 mM.

Claim 53 (previously presented): A method for increasing the synthesis of mucins in a patient, the method comprising supplementing a diet of the patient by adding a therapeutically effective amount of threonine to the diet wherein the amount of threonine ranges from about 0.2 mM to about 0.8 mM.

Claim 54 (previously presented): A method of treating intestinal inflammation in a patient, the method comprising administering to the patient a therapeutically effective amount of threonine wherein the threonine is provided as a nutritional supplement, and wherein the nutritional supplement contains threonine in an amount of at least 0.2 mM.

Claim 55 (previously presented): A method of treating intestinal bacterial infection in a patient, the method comprising administering a nutritional composition to the patient wherein the nutritional composition contains a therapeutically effective amount of threonine wherein the threonine is provided as a nutritional supplement contains threonine in an amount of at least 0.2 mM.